

Abstract of the Disclosure

An internal voltage generator for performing the
5 restoration of an output voltage to a target value despite
variance of an internal voltage includes a reference voltage
divider that generates first and second reference voltages,
and a first differential amplifier that receives the first
reference voltage from reference voltage divider through a
10 first input terminal of first differential amplifier and
generates a first differential signal. A second differential
amplifier receives the second reference voltage from the
reference voltage divider through a first input terminal of
second differential amplifier and generates a second
15 differential signal. A voltage source driver is driven by the
first and second differential signals from first and second
differential amplifiers, respectively, and provides a driver
voltage within a desired and adjustable range.